

IRIS Touch Firmware Enhancements and Additions from Version 1.12.8 to Version 1.12.9

Overview

This document details enhancements to the feature set of the IRIS Touch from firmware Version 1.12.8 to Version 1.12.9.

This release (V1.12.9) is available on Chiron's reflash server with immediate effect. Due to normal manufacturing lead times, it will be introduced into new shipments over the course of the next few months. However, all IRIS Touch diallers can be upgraded by connecting them over IP to our reflash server, so you can be sure of having all the latest facilities, even if you have already taken delivery of the dialler. This can be done prior to install, at install or even after install.

Changes in this Release

Update for new SIM card formats

IRIS Touch diallers used with GPRS read the SIM card number and report this to the IRIS Secure Apps system at the monitoring centre. This is a very powerful feature as it allows monitoring centres to track SIM cards to customer location and bill customers accordingly. Recent field experience with new types of SIM card has shown that the time it takes to extract the SIM card number is increasing and so provision has been made for an extended timeout in the Touch firmware.

Reflashing

The possibility of remotely updating IRIS Touch dialler firmware is a major benefit as upgrades (e.g. to take advantage of a new feature in the IRIS Touch) can be applied remotely without the need for a site visit. Some customers who carry out large numbers of remote reflashes as a routine action have discovered very occasional situations where the reflashing process triggers a default of the dialler parameters. This release of firmware prevents this happening.

Reporting of EEPROM error on dialler touch screen

All IRIS Touch dialler configuration parameters are held in non-volatile (EEPROM) memory that is resilient to power loss so that if, for example, there is a power glitch the dialler will carry on operating and signalling correctly when it restarts. This memory is regularly checked for integrity by the dialler and if there is a problem the message 'EEPROM error' is displayed on the touch screen. It has become apparent that there is a rare situation where the 'EEPROM error' is displayed erroneously and this situation has been solved in this firmware release.

Finnish language text

IRIS Touch diallers can be set to any of nine languages for applicability across many countries. This version of firmware contains corrections to some of the Finnish language text strings.

How to Reflash

Connection to the reflash server can be instigated from the installer menu, Settings->Reflash:



The reflash IP address is set by default to Chiron's reflash server (195.59.117.164) and does not need to be changed unless another reflash server is to be used.